

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A transmission system comprising a plurality of nodes forming a network and a supervisory control device for managing said network on the basis of performance data created at these nodes, wherein

each of said plurality of nodes includes

performance data generating means for measuring individual data items about the monitoring items defined for a plurality of objects to be measured according to a specific schedule and, on the basis of the result of the measurement, creating said performance data using a zero suppression function of suppressing a succession of zero data items, and

performance data sending means for sending the performance data created at the performance data generating means to said supervisory control device, and

said supervisory control device includes

reception means for receiving the performance data send from said nodes,

storage means for accumulating a history of the received performance data,

user interface means for accepting the user's data output request with specified retrieval conditions including a time range and outputting the data fulfilling the request, and

output control means which determines the cause that the performance data is absent, when the performance data that should be present in said storage means according to said schedule is absent in the time range specified in said retrieval conditions in acquiring the performance data fulfilling said retrieval conditions from said storage means, and if the cause is the execution of zero suppression at said performance data generating means, makes the data item related to the absent performance data zero, and which then creates data for output at said user interface means on the basis of said acquired performance data and causes said user interface means to output the created data.

2. (Original) The transmission system according to claim 1, wherein each of said nodes includes

sub-storage means for accumulating a history of the performance data created as said performance data generating means, and

said supervisory control device includes

performance data acquiring means for acquiring the performance data created at said nodes and storing the information in the storage means of its own device, and

lacked data acquiring means for, when there is a lack in the performance data stored in the storage means of its own device, acquiring the lacked performance data from the sub-storage means of said node and storing it in the storage means of its own device.

3. (Original) The transmission system according to claim 1 or 2, wherein said output control means includes

time management means for updating and storing time T_c that said reception means received the performance data last,

period acquiring means for acquiring period T_1 in which said data is measured at said performance data generating means,

first judging means for judging whether the time that performance data is to be created in said period T_1 is present between T_c and T according to whether the expression $T - T_c > T_1$ holds, provided that the time closest to the present time in the time range specified in said retrieval conditions is T ,

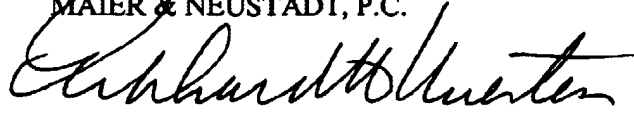
number-of-omissions acquiring means for, if the first judging means has judged that the time that performance data is to be created is present, acquiring the number N_s of times the creation of performance data was omitted by said zero suppression function,

element itself. Therefore, it is Applicants' view that Claim 15 patentably distinguishes over
Natarajan et al.

Accordingly, no further issues are believed to be outstanding, and the present
application is believed to be in condition for formal allowance. An early and favorable action
to that effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870

Customer Number

22850

Tel: (703) 413-3000

Fax: (703) 413 -2220

(OSMMN 06/04)

I:\ATTY\EHK\AMEND-RESPONSES\0039\20s\203518US-AM1.DOC